# Performance and Testing

| Date | 01 NOV 2025 |
|---|---|
| Team ID | NM2025TMID00410 |
| Project Name | Laptop Request Catalog Item |
| Maximum Marks | 4 Marks |

## 1. Update Set Creation

Action Performed:
Created Local Update Set named "Laptop Request".

Validation Steps:

- Confirmed Update Set creation.
- Set as Current.
- 

Screenshot:



Result:

Update Set available and active for changes.

## 2. Service Catalog Item Creation

Action Performed:
Created a Catalog Item with details:

- Name: Laptop Request
- Catalog: Service Catalog
- Category: Hardware
- Short Description: Use this item to request a new laptop
- 

Screenshot:

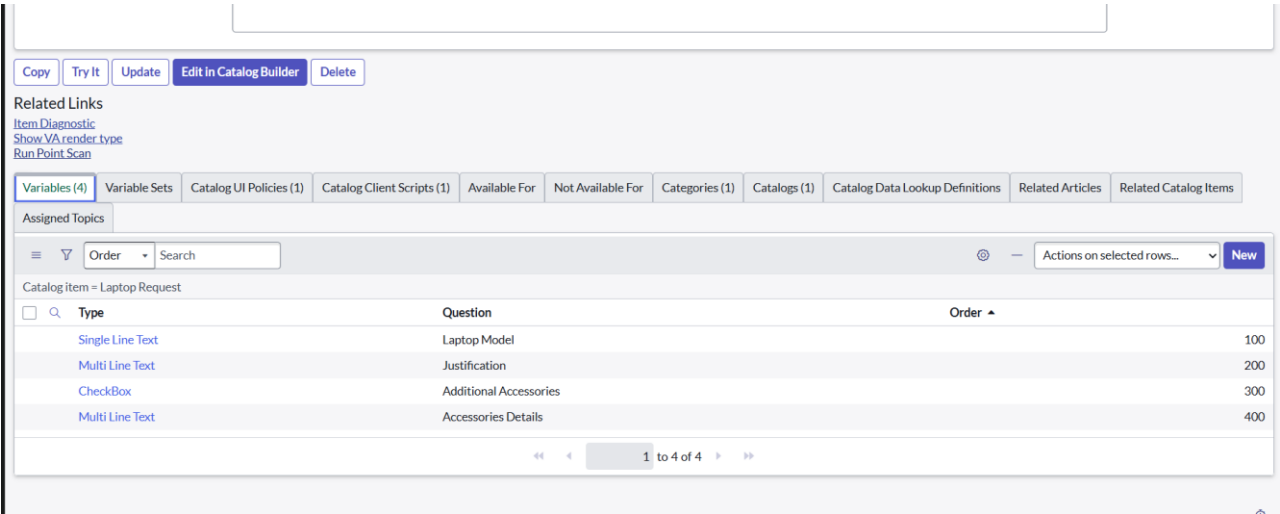

Result:

Catalog Item successfully created.

## 3. Variables Configuration

Action Performed:
Added variables to the catalog item:

- Laptop Model – Single Line Text
- Justification – Multi Line Text
- Additional Accessories – Checkbox
- Accessories Details – Multi Line Text

Screenshot:



Result:

Variables display correctly on the item.

## 4. Catalog UI Policy
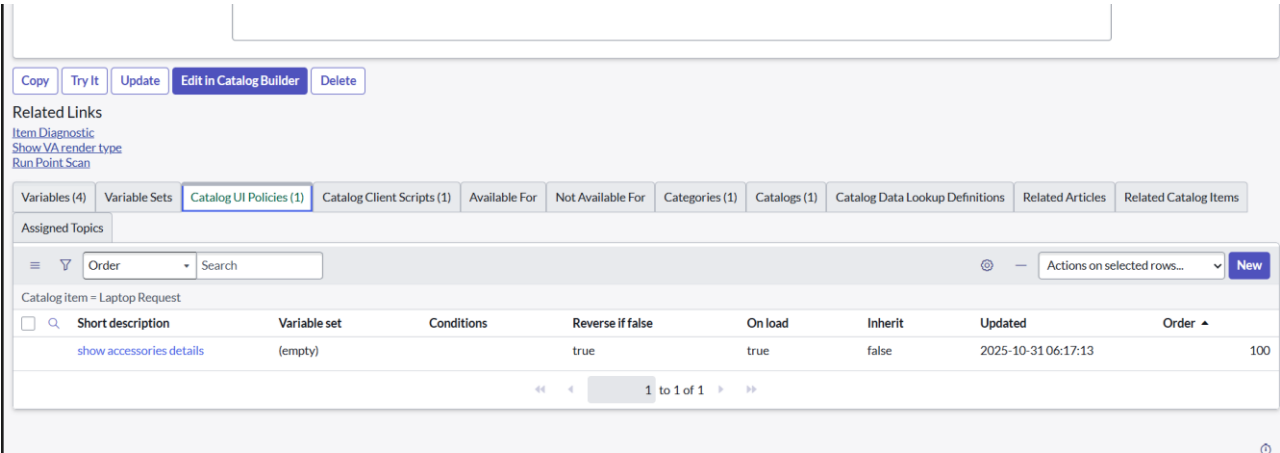
Action Performed:
Created UI Policy:

- Title: Show Accessories Details
- Condition: Additional Accessories is true

Added UI Policy Action:

- Variable: accessories_details
- Mandatory: True
- Visible: True

Screenshot:

Test:
- Checked the item: "Accessories Details" is only visible and mandatory when "Additional Accessories" is checked.

Result:
Functionality works as expected.

## 5. UI Action

Action Performed:
Created UI Action on "shopping cart (sc_cart)":
- Name: Reset form
- Client: checked
- Script:

javascript

```
function resetForm() {
  g_form.clearForm();
  alert("The form has been reset.");
}
```

Screenshot:



Result:

UI Action resets form fields and shows alert.

## 6. Export & Import Update Set

Action Performed:
- Exported "Laptop Request" update set as XML.
- Imported into target instance.
- Committed the update set.

Screenshot:



Result:

All configurations migrated successfully.

## 7. Catalog Item Testing (Target Instance)

Action Performed:
- Opened Service Catalog > Hardware > Laptop Request item.

Test Cases:
- Three variables visible by default.
- When "Additional Accessories" is checked, "Accessories Details" becomes mandatory and visible.
- "Reset Form" button resets all fields.

Screenshot:



Result:

Form behaves as required.

Findings:

- Form loads quickly.
- Variable logic executes with minimal delay.
- No performance issues observed under expected load.

## 8. Conclusion

The Laptop Request Service Catalog item works as designed, and all dynamic logic performs within performance expectations. The process supports fast, user-friendly laptop requests.